



230 Crescent Avenue
Chelsea, MA 02150

REPORT OF ANALYSIS

Vessel / Barge New Hampshire
Port/Terminal Sprague - Prov. RI
Sprague Reference V-10-00283
ICB Reference US120-0004672
Date Sample Taken 02/28/10
Date Submitted 02/28/10
Date Tested 03/01/10
Sample Designated as #6 Fuel Oil
Drawn By RR
Representing Shore Tank 6, After Discharge (Slate A)
Overtime No

	Test	Method	Results	Units
Composite	Gravity	ASTM D4052	11.0	API @ 60F
	Viscosity at 122°F	ASTM D 445/2161	258.4 / 122.0	cSt / SFS
	Sulfur	ASTM D 4294	0.871	Weight %
	Flash Point (PMCC)	ASTM D 93B	239	Degrees F
	Pour Point	ASTM D 97	+6 / +42.8	Degrees C / F
	Ash	ASTM D 482	0.031	Weight %
	Sediment by Extraction	ASTM D 473	0.035	Weight %
	Water by Distillation	ASTM D 95	0.10	Volume %
	Sediment & Water	ASTM D 1796	0.10	Volume %
	Heat of Combustion	ASTM D 240	18,385	Btu/lb
	Gravity	Table 8	8.270	lb./gal
	Heat of Combustion	ASTM D 240	152,044	Btu/gal
	Nitrogen	ASTM D 5762	0.35	Weight %
	Vanadium	ASTM D 5863B	16	ppm
	Sodium	ASTM D 5863B	12	ppm
	Asphaltenes	IP 143	3.1	Weight %
	Conradson Carbon Residue	ASTM D 189	10.4	Weight %

Albert Collin, Jr. - Lab Technician
Intertek OCA, Chelsea, MA

Appendix II.h

WI/020/038

Rev. 06012001

SPRAGUE PROVIDES THE ATTACHED INSPECTION REPORT/ANALYSIS REPRESENTING THE SPECIFICATIONS OF THE PRODUCT AT THE SPRAGUE TERMINAL IN TANK ON THE DATE OF INSPECTION NOTED ON THE CERTIFICATE. THIS ANALYSIS IS PROVIDED TO THE CUSTOMER FOR THE PURPOSE OF ESTABLISHING THE INDEPENDENTLY VERIFIED PRODUCT SPECIFICATION ON A COMPOSITE BASIS IN SPRAGUE'S TERMINAL SHORE TANK AS NOTED ON THE CERTIFICATE. THE INSPECTION REPORT IS NOT TO BE USED FOR ANY OTHER PURPOSE. SPRAGUE DISCLAIMS ANY LIABILITY FOR THE PRODUCT AFTER DELIVERY BY SPRAGUE TO CUSTOMER. SPRAGUE DISCLAIMS ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR AN INTENDED USE EXCEPT AS MAY BE SPECIFICALLY SET FORTH IN WRITING IN ANY CONTRACT OR TERMS OF SALE BETWEEN SPRAGUE AND A BUYER OF PRODUCT. SPRAGUE ASSUMES NO LIABILITY FOR CLAIMS OR LOSSES THAT MAY ARISE FROM CUSTOMER'S USE OF THIS INSPECTION REPORT/ANALYSIS.